

09-May-01 17:52

From-HENKEL/COGNIS CORP, PATENT DEPT,

6102786548

T-856 P.07/08 F-327

S-15-01

PTO/SB/05 (4/98)

Approved for use through 9/30/2000. OMB 0651-0032

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Type a plus sign (+) inside this box +

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No.

D 8927B-OC/FOHPT

First Inventor or Application Identifier

CARDUCK, Franz-Josef

Title

A LIQUID DISTRIBUTOR

Express Mail Label No.

EL544993290US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ \* Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☒ Specification [Total Pages 12]  
(preferred arrangement set forth below)  
- Descriptive title of the invention  
- Cross References to Related Applications  
- Statement Regarding Fed sponsored R&D  
- Reference to Microfiche Appendix  
- Background of the invention  
- Brief Summary of the invention  
- Brief Description of the Drawings (if filed)  
- Detailed Description  
- Claim(s)  
- Abstract of the Disclosure
3. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 5]  
4. ☒ Oath or Declaration [Total Pages 9]  
a. ☐ Newly executed (original or copy)  
b. ☒ Copy from a prior application (37 C.F.R. § 1.63(d))  
(for continuation/divisional with Box 16 completed)  
i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting  
inventor(s) named in the prior application, see  
37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

\*NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY  
FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.37), EXCEPT  
IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.38).

**ADDRESS TO:**Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

- 5.
- ☐
- Microfiche Computer Program (Appendix)

6. Nucleotide and/or Amino Acid Sequence Submission
- 
- (if applicable, all necessary)

- a.
- ☐
- Computer Readable Copy
- 
- b.
- ☐
- Paper Copy (identical to computer copy)
- 
- c.
- ☐
- Statement verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

7. ☐ Assignment Papers (cover sheet & document(s))  
8. ☐ 37 C.F.R. § 3.73(b) Statement ☒ Power of Attorney  
(when there is an assignee)  
9. ☐ English Translation Document (if applicable)  
10. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations  
11. ☒ Preliminary Amendment  
12. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)  
13. ☐ \*Small Entity Statement(s) ☐ Statement filed in prior application,  
Status still proper and desired  
(PTO/SB/05-12)  
14. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)  
15. ☒ Other: **REQUEST TO CHANGE  
CORRESPONDENCE ADDRESS;  
REQUEST AND CERTIFICATION UNDER  
35 U.S.C. 122(b)(2)(B)(i)**

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No: 09/277,399

Prior application information: Examiner A. Chambers

Group / Art Unit: 3753

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**17. CORRESPONDENCE ADDRESS**☒ Customer Number or Bar Code Label

23657

or ☒ Customer address below

Name John E. Drach

Address

City

State

Zip Code

Country

Telephone

610-278-4925

Fax

610-278-6548

Name (Print/Type)

Henry E. Millson, Jr.

Registration No. (Attorney/Agent)

18,980

Signature

Henry E. Millson, Jr.

Date

May 14, 2001

Burden Hour Statement: this form is estimated to take 0.5 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

<b>FEE TRANSMITTAL</b> <b>for FY 2000</b>		<b>Complete if Known</b>	
<p><i>Patent fees are subject to annual revision.</i> <i>Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.</i> <i>See 37 C.F.R. §§ 1.27 and 1.28.</i></p> <p><b>TOTAL AMOUNT OF PAYMENT (\$952)</b></p>		Application Number	
		Filing Date	
		First Named Inventor	CARDUCK, Franz-Josef
		Examiner Name	A. Chambers
		Group/Art Unit	3753
		Attorney Docket No.	D 8927B-OC/FOHPT

<b>METHOD OF PAYMENT (check one)</b>		<b>FEE CALCULATION (continued)</b>																																																																																																																																																																																											
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:</p> <p>Deposit Account Number: <b>50-1177 Order No. 01-0283</b></p> <p>Deposit Account Name: <b>Cognis Corporation</b></p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17</p>		<p>3. <b>ADDITIONAL FEES</b></p> <table border="1"><thead><tr><th>Large Fee Code</th><th>Entity Fee (\$)</th><th>Small Fee Code</th><th>Entity Fee (\$)</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>105</td><td>130</td><td>205</td><td>85</td><td>Surcharge - late filing fee or oath</td><td></td></tr><tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr><tr><td>138</td><td>130</td><td>138</td><td>130</td><td>Non-English specification</td><td></td></tr><tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td><td></td></tr><tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr><tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr><tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td></td></tr><tr><td>116</td><td>380</td><td>216</td><td>190</td><td>Extension for reply within second month</td><td></td></tr><tr><td>117</td><td>870</td><td>217</td><td>435</td><td>Extension for reply within third month</td><td></td></tr><tr><td>118</td><td>1,360</td><td>218</td><td>680</td><td>Extension for reply within fourth month</td><td></td></tr><tr><td>128</td><td>1,850</td><td>228</td><td>925</td><td>Extension for reply within fifth month</td><td></td></tr><tr><td>119</td><td>300</td><td>219</td><td>150</td><td>Notice of Appeal</td><td></td></tr><tr><td>120</td><td>300</td><td>220</td><td>150</td><td>Filing a brief in support of an appeal</td><td></td></tr><tr><td>121</td><td>260</td><td>221</td><td>130</td><td>Request for oral hearing</td><td></td></tr><tr><td>136</td><td>1,510</td><td>136</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr><tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr><tr><td>141</td><td>1,210</td><td>241</td><td>605</td><td>Petition to revive - unintentional</td><td></td></tr><tr><td>142</td><td>1,210</td><td>242</td><td>605</td><td>Utility issue fee (or reissue)</td><td></td></tr><tr><td>143</td><td>430</td><td>243</td><td>215</td><td>Design issue fee</td><td></td></tr><tr><td>144</td><td>580</td><td>244</td><td>290</td><td>Plant issue fee</td><td></td></tr><tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr><tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petitions related to provisional applications</td><td></td></tr><tr><td>126</td><td>240</td><td>126</td><td>240</td><td>Submission of Information Disclosure Stmt</td><td></td></tr><tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr><tr><td>146</td><td>690</td><td>246</td><td>345</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr><tr><td>149</td><td>690</td><td>249</td><td>345</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr><tr><td colspan="6">Other fee (specify) _____</td></tr><tr><td colspan="6">Other fee (specify) _____</td></tr><tr><td colspan="6">* Reduced by Basic Filing Fee Paid</td></tr><tr><td colspan="5"><b>SUBTOTAL (3)</b></td><td><b>(\$).00</b></td></tr></tbody></table>		Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	105	130	205	85	Surcharge - late filing fee or oath		127	50	227	25	Surcharge - late provisional filing fee or cover sheet		138	130	138	130	Non-English specification		147	2,520	147	2,520	For filing a request for reexamination		112	920*	112	920*	Requesting publication of SIR prior to Examiner action		113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action		115	110	215	55	Extension for reply within first month		116	380	216	190	Extension for reply within second month		117	870	217	435	Extension for reply within third month		118	1,360	218	680	Extension for reply within fourth month		128	1,850	228	925	Extension for reply within fifth month		119	300	219	150	Notice of Appeal		120	300	220	150	Filing a brief in support of an appeal		121	260	221	130	Request for oral hearing		136	1,510	136	1,510	Petition to institute a public use proceeding		140	110	240	55	Petition to revive - unavoidable		141	1,210	241	605	Petition to revive - unintentional		142	1,210	242	605	Utility issue fee (or reissue)		143	430	243	215	Design issue fee		144	580	244	290	Plant issue fee		122	130	122	130	Petitions to the Commissioner		123	50	123	50	Petitions related to provisional applications		126	240	126	240	Submission of Information Disclosure Stmt		581	40	581	40	Recording each patent assignment per property (times number of properties)		146	690	246	345	Filing a submission after final rejection (37 CFR § 1.129(a))		149	690	249	345	For each additional invention to be examined (37 CFR § 1.129(b))		Other fee (specify) _____						Other fee (specify) _____						* Reduced by Basic Filing Fee Paid						<b>SUBTOTAL (3)</b>					<b>(\$).00</b>
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<p>2. <input type="checkbox"/> Payment Enclosed: <input type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p> <p><b>FEE CALCULATION</b></p> <p>1. <b>BASIC FILING FEE</b></p> <table border="1"><thead><tr><th>Large Fee Code</th><th>Entity Fee (\$)</th><th>Small Fee Code</th><th>Entity Fee (\$)</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>101</td><td>710</td><td>201</td><td>345</td><td>Utility filing fee</td><td>710</td></tr><tr><td>106</td><td>310</td><td>206</td><td>155</td><td>Design filing fee</td><td></td></tr><tr><td>107</td><td>480</td><td>207</td><td>240</td><td>Plant filing fee</td><td></td></tr><tr><td>108</td><td>690</td><td>208</td><td>345</td><td>Reissue filing fee</td><td></td></tr><tr><td>114</td><td>150</td><td>214</td><td>75</td><td>Provisional filing fee</td><td></td></tr><tr><td colspan="5"><b>SUBTOTAL (1)</b></td><td><b>(\$) 710</b></td></tr></tbody></table> <p>2. <b>EXTRA CLAIM FEES</b></p> <table border="1"><thead><tr><th colspan="2">Extra Claims</th><th colspan="2">Fee from below</th><th colspan="2">Fee Paid</th></tr></thead><tbody><tr><td>Total Claims</td><td>29</td><td>-20**=</td><td>9</td><td>X \$18.00</td><td>= 162</td></tr><tr><td>Independent Claims</td><td>4</td><td>-3**=</td><td>1</td><td>X \$80.00</td><td>= 80</td></tr><tr><td>Multiple Dependent</td><td></td><td></td><td></td><td>\$270.00</td><td>= 0</td></tr></tbody></table> <p>**or number previously paid, if greater; For Reissues, see below</p> <table border="1"><thead><tr><th>Large Fee Code</th><th>Entity Fee (\$)</th><th>Small Fee Code</th><th>Entity Fee (\$)</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>103</td><td>18</td><td>203</td><td>9</td><td>Claims in excess of 20</td><td></td></tr><tr><td>102</td><td>78</td><td>202</td><td>39</td><td>Independent claims in excess of 3</td><td></td></tr><tr><td>104</td><td>260</td><td>204</td><td>130</td><td>Multiple dependent claim, if not paid</td><td></td></tr><tr><td>109</td><td>78</td><td>209</td><td>39</td><td>** Reissue independent claims over original patent</td><td></td></tr><tr><td>110</td><td>18</td><td>210</td><td>9</td><td>** Reissue claims in excess of 20 and over original patent</td><td></td></tr><tr><td colspan="5"><b>SUBTOTAL (2)</b></td><td><b>(\$)242</b></td></tr></tbody></table>		Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	101	710	201	345	Utility filing fee	710	106	310	206	155	Design filing fee		107	480	207	240	Plant filing fee		108	690	208	345	Reissue filing fee		114	150	214	75	Provisional filing fee		<b>SUBTOTAL (1)</b>					<b>(\$) 710</b>	Extra Claims		Fee from below		Fee Paid		Total Claims	29	-20**=	9	X \$18.00	= 162	Independent Claims	4	-3**=	1	X \$80.00	= 80	Multiple Dependent				\$270.00	= 0	Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	103	18	203	9	Claims in excess of 20		102	78	202	39	Independent claims in excess of 3		104	260	204	130	Multiple dependent claim, if not paid		109	78	209	39	** Reissue independent claims over original patent		110	18	210	9	** Reissue claims in excess of 20 and over original patent		<b>SUBTOTAL (2)</b>					<b>(\$)242</b>																																																																																
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<b>SUBMITTED BY</b>		<b>Complete (if applicable)</b>	
Name (Print/Type)	Henry E. Millson, Jr.	Registration No. (Attorney/Agent)	18,980
Signature	<i>Henry E. Millson, Jr.</i>	Telephone	(520) 445-2453
		Date	May 14, 2001

**WARNING:**  
Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

14-May-01 12:03

From-HENKEL/COGNIS CORP, PATENT DEPT,

6102786548

T-904 P.02/02 F-465

**"Express Mail" Mailing Label Number EL544993290US**

PTO/SB/35 (11-00)

Approved for use through 10/31/2002. OMB 0851-0031

U.S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

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<b>REQUEST AND CERTIFICATION UNDER 35 U.S.C. 122(b)(2)(B)(i)</b>	First Named Inventor	CARDUCK, Franz-Josef
	Title	A LIQUID DISTRIBUTOR
	Atty Docket Number	D 8927B-OC/FOHPT

I hereby certify that the invention disclosed in the attached application **has not and will not** be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

May 14, 2001

Date



Signature

Henry E. Millson, Jr., R.N. 18,980

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(III)).**

**Burden Hour Statement:** This collection of information is required by 37 CFR 1.213(a). The information is used by the public to request that an application not be published under 35 U.S.C. 122(b) (and the PTO to process that request). Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 6 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

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